

\vec{v} ector

Fall 2016

Start up from the Ground up

*Rising start-ups in Austin
and how to shine in this
year's job search*

cont



photo by Brendan Towlson

Editors-in-Chief

Emily Crowell-Stevens
Rachel Scott

Managing Editor

Ana Chan

Associate Editor

Tyler Michael Stern

Layout Directors

Emily Hood
Vinay Soni

Photography Director

Brendan Towlson

Staff Advisor

Brittney Cox

Layout Editors

Sena Esrefoglu
Audrey Gan
Dmitri Mirakyan
Ashley Stuber

Special Projects Staff

Robert Bramlett
Zach Chow
Jonathan Engle
Ronald Maninang
Jamal Nusrallah

Staff Writers

Rutvik Choudhary
Crystal Huang
Harsha Rao
Sarika Sabnis
Marshall Tekell
George Zhou

Staff Photographers

Somya Agarwal
Berrill Behrens
Parisa Maesumi
Allie Runas
Leslie Zhang
Peter Zhang
Justin Zhong

cover photo by Parisa Maesumi
contents page layout by Emily Hood

ents

3

The Philosophy of Don

4

What Starts Here: The Genesis Project

5

Engineering & ROTC

7

Words of Wisdom from the EXPO Experts

9

Freshman Founders

11

Horns Up for Startups

13

How to Quit Your Day Job: Capital Factory

15

The Life Cycle: Building Your Startup from the Ground Up

17

Austin Loves Food

19

The Poetics of Science

21

Hello from the Other Side: Vector Summer Travels

LETTER FROM THE EDITORS

New classes, new professors, new ideas, new friends. It's a time of year when we can reinvent ourselves, and strive to be what we once only imagined.

In this issue of Vector, you'll discover the stories of people within the Cockrell School and the Austin community who are doing just that – innovating and re-inventing the world around them everyday through

entrepreneurship. From spotlights on startups at UT Austin and beyond to tips on how to build your own from the ground up, we hope you'll be inspired to create your own future.

We'd also like to welcome you back from a long summer. Flipping to the back of the magazine, you'll find a collection of Vector staff summer travels. We've truly been all

over the U.S. and the world this summer, and we're excited to see everyone again for a new year. And, finally, to the class of 2020, welcome to the Cockrell School. It's truly the most novel of beginnings for you, and we hope it's a fantastic start to some unforgettable years.

Cheers,
Emily Crowell-Stevens & Rachel Scott

The Philosophy of Don

Behind the Black Box

written by Crystal Huang

layout by Ashley Stuber

photo by Allie Runas

Behind the University Co-op, an unadorned black food truck serves authentic Japanese food, almost always accompanied by a long line. In its foldable black boxes, items such as fried pork katsu garnished with green onions are artfully arranged on a bed of rice.

Edward Sumner, the half-Japanese founder and owner of Don food truck, came to UT Austin to major in nutrition and minor in philosophy. Having worked in the restaurant industry before college, Sumner was disappointed at the quality and high prices of on-campus food. “I was doing [nutrition] internships and

realized that I wasn’t affecting people in the way I wanted to with my major.” Around the age of 20, Sumner decided to work full-time in the restaurant industry, which was also when his first concepts of Don were born.

Don is Sumner’s answer to the lack of wholesome, cheap, and fulfilling food on campus. “I believe it’s possible for any kind of business to make very small marginal profits and still be a success, without sacrificing quality, portion, or price.” And that rings true. With most orders below six dollars and each bowl artfully arranged no matter how long

the line is, Don delivers on its promise to provide the campus community wholesome food for inexpensive prices.

It’s not just Don’s philosophy on profits that Sumner has put a lot of thought into. The food truck’s name, Don, comes from the Japanese word “donburi,” meaning food bowl. The black exterior of the food truck complements the black bowls served to customers, tying together the food truck’s name and dining experience.

The inspiration of Don’s unique black, folded, box comes from Sumner’s previous restaurant experience. While working in downtown Austin, Sumner noticed that as the night wore on, partiers would see visual cues that would remind them of certain foods. A paper plate blowing in the wind brought thoughts of pizza, tin bowls sparked memories of Halal food. So Don’s unique black box, which reflects the design of the food truck itself, is an integral part of Sumner’s marketing strategy.

Omi Yozen, Don’s second Japanese chef, met Sumner while working at the same restaurant. “At that point, I had mostly finalized my ideas and was looking for another chef,” Sumner said. “I showed him some of my concepts, and asked, do you want to join me on this adventure?”



WHAT STARTS HERE...

By providing funding and mentorship, the Genesis Program is helping UT Austin students get their venture ideas off the ground.

written by Ana Chan // layout by Sena Esrefoglu // photo courtesy of the Genesis Project

The Genesis Program only launched in the beginning of 2016, but it has already notably received support from the Cockrell School of Engineering. An initiative by the Longhorn Engineering Advising Delegation (LEAD), it seeks to provide pre-seed capital and mentorship for entrepreneurs. While its startup capital was sufficient for funding 2-3 ventures in the 2015-2016 school year, the program has already raised enough capital to potentially fund 6-10 ventures in the 2016-2017 year.

“We have received funding from LEAD and donors from Austin,” said Katherine Allen, Plan II and mechanical engineering sophomore, and Genesis Program Director of Impact. “One of the aims of LEAD is to bring Cockrell alumni back to the school at a younger age. It is harder for younger alums to engage with students here because they are early in the career and don’t have a lot of money to donate. But now there is a foundation for them to give their time, money, and

experience back to the school.”

Unlike other startup resources in Austin, the program does not retain any equity and is purely funded by philanthropy. The Genesis Program is also the first to provide funding for startups on campus. “There are a ton of resources like Longhorn Startup that have existed for a while that provide mentorship and guidance,” said Allen. “We noticed there was a gap where students needed funding to progress, because as college students they often couldn’t come up with the money.”

Although LEAD and the Genesis Program are underneath the Cockrell School of Engineering, applicants from any degree level or college are welcome to apply. The 45 student entrepreneurs that have applied represent a wide array of majors, from engineering and natural sciences to business and fine arts.

Jeff Auster, chemical engineering freshman and Genesis Program Director of

Development, said, “We understand that the entrepreneurial scene is a diverse one and we want to include everybody that has a good idea and is willing to execute accordingly.”

According to Auster, the application process consists of several steps. After submission and initial screening, the application must undergo a detailed due diligence reporting and interviewing stage where a committee identifies high potential candidates for the Genesis Program portfolio; once identified, they will then be referred to a formal review committee. Currently, 7 out of the 32 ventures that have applied have been offered further mentorship, business planning, and strategic development services.

Both Auster and Allen emphasized that demonstrated drive is a key factor when reviewing applicants. “We’re open to any type of idea but we’re looking for students who are dedicated to what they are set out to do and are driven to get things done,” said Allen. “We need someone who wants to see it through to fruition. Why are they motivated? Do they know how they’re going to get it done? Enthusiasm is important – we want to know that we can help your venture.”

As they continue to receive applicants, Auster hopes the program will permeate the startup community as an additional resource for students. Auster said, “We want to help facilitate the process because we know that UT [Austin] students are going to be successful and change the world.”

For more information and startup resources visit genesisprogram.org



business honors and finance sophomore **Zach James**, chemical engineering freshman **Jeff Auster**, mechanical engineering & Plan II sophomore **Katherine Allen**



On a Tuesday evening, the College of Liberal Arts building is a stark contrast to its neighboring Student Activity Center – the hallways are quiet, the lights are off in rooms, and the few students I walk past are studying individually at tables. The one exception is the fifth floor, home of the campus's Reserve Officers' Training Corps (ROTC). Here, classrooms are still filled with students in uniform attentively listening to a lecturer. When I meet with Ruifei Wang, aerospace engineering senior and Air Force ROTC member, it is in one of the few remaining empty classrooms, where flags and photographs decorate the walls.

ROTC serves as a commissioning program into the military and augments the college experience with something outside of academics. By preparing college graduates to be military officers, the program

provides camaraderie, leadership training, and a guaranteed job after graduation. Additionally, the program can provide scholarship aid for fees such as tuition and book money.

"In high school I applied for the ROTC scholarship and aerospace engineering," said Wang. "I got both and I took them. For a lot of engineering majors, when they apply for engineering they also apply for the ROTC scholarship."

Engineering majors constitute a large portion of ROTC members, perhaps unsurprisingly. "There is an emphasis on technical majors," said Cecilia Beavers, civil engineering senior and Navy ROTC member. "In NROTC there are tiers. A technical major, such as electrical or mechanical engineering, puts you in the highest, Tier 1."

However, for those in both ROTC and engineering, a common theme I heard was time. Nicholas Corti, electrical engineering senior and Army ROTC member, said, "Combined, the two are a significant demand on my time. Engineering classes and students both make their schedules on the premise that no one needs to be up at 5 AM." 5 AM workouts, along with a maintaining a minimum GPA, are just part of the requirements of being a cadet.

So why do so many ROTC members choose to couple leadership labs and early morning workouts with the engineering course load?

Corti put it succinctly. "I chose engineering because I knew it would be useful coming out of college, and I chose to do ROTC because I've always wanted the chance to deploy and serve. I do both because it's the



ROTC: *On opportunities and challenges, when you're both a UT Austin Engineer and ROTC cadet*

written by Ana Chan //

layout by Sena Esrefoglu //

photos by Berrill Behrens & UT ROTC media

only way to accomplish both goals simultaneously.”

For Wang, who will be heading to medical school in the fall, the Air Force and engineering together created a lot of opportunities. “I thought I would be a developmental engineer, you know, working on weapons systems,” said Wang. “I did not know I wanted to be a doctor. But after I went on a few mission trips, my perspective changed. With the Air Force, no matter what you do, there will always be a lot of career opportunities.”

Christopher Toth, mechanical engineering junior and Air Force ROTC member, can relate. “I’ve always been fascinated with airplanes

since I flew my first one, and Air Force provides a different route than the normal civilian to say, Boeing or Lockheed Martin,” said Toth. “It kind of gives me a foot in the door with my experience and security clearance.”

“Engineers are also all about service - they are here to make the world a better place.”

The experience one gains is what Beavers cites as a difference between engineers in ROTC and those that are not. “Our internships are assigned to us, so in Navy ROTC we have what we call a Summer Cruise,” said Beavers. “I would say the pressure

that engineers feel about getting into a civilian job is equivalent to that of getting a commission.”

Despite the additional requirements of ROTC, at the end of the day, they are just fellow students. When I spoke with Wang, we briefly went

off topic chatting about the recent Forty Acres Fest. “A lot of people assume its military 24/7,” said Toth. “But outside of ROTC I’m just a normal student.

I hang out with

friends, do stuff on weekends. People assume we’re serious and never joke around – but we’re college students first and foremost.”

FO

Got an idea, but don't know where to start? This has no doubt happened to many people and is often what kills a startup before it's even born. Luckily, there's a UT Austin program that helps freshmen overcome that hurdle: the Freshman Founders



FRESHMAN FOUNDERS

written by Rutvik Choudhary
layout by Emily Hood
photo by Somya Agarwal

program, which has aided 30 students' startups in three years. "It's a real hands-on accelerator type program that gets freshmen in the dirt, meeting people, reaching out to mentors, talking to people that might help them along," said Mitch Chalet, radio-television-film sophomore and Production Member. "It's probably the best way to startup: by learning how to do it. We throw you in the water and tell you how to swim."

At the weekly meetings, Freshman Founders invites guests who

have successfully started their own companies to speak. The lineup has included many local people such as Cameron Gibson, founder of music app Jam Feed, and Matthew Bell, founder of delivery service Brew Drop.

The Freshman Founders program was created to serve students of all majors. "I'm a radio-television-film major and I run the thing, if that tells you anything," said Chalet about the program's inclusivity. "We've had electrical engineers with a great product idea but have no idea how to run the business side of things. We've had business

students who wanna run something but don't know an ounce of HTML."

Starting your own company really comes down to the will of the student. "It's basically all about the will to learn," said Chalet. "And if you can do advanced signal processing at age 21, I think you can learn a little about business. And that will help you infinitely."

For college and startup newcomers, the Freshman Founders program provides direction to begin pursuing a business idea. "It's been a really great way to get my feet wet," said business freshman Freddy Purches. "And just to have an avenue to begin to even start because that's one of the hardest parts about all of this for most people."

If you're a freshman with an idea, the Freshman Founders program will definitely help you get started and will help push you one step closer to realizing your dream as an entrepreneur.



Back in 2009, “Austinpreneur” Josh Baer and his team of entrepreneurs brought to the city a startup accelerator known as Capital Factory. While it wasn’t Austin’s first incubator, it has since blossomed into one of Austin’s most successful incubators to host new businesses and connect them with investors. Two years later, Baer brought the altruistic vision and energy of Capital Factory to residents of our home, UT Austin.

Baer teamed up with Bob Metcalfe, electrical and computer engineering professor, to bring students of all majors the Longhorn Startup

Lab (The Lab). “The original inspiration was from a student here in the computer science department,” Baer said. “He wrote a blog post complaining that there [wasn’t] more stuff to support startups and undergraduate entrepreneurs, in comparison to the resources Stanford provides its students.”

Baer read this post shortly after starting Capital Factory and began wondering how to bring its model to undergraduates at UT Austin. He met Metcalfe and the two set out to establish the Longhorn Startup Lab, designed to help UT Austin students get their feet wet in the world of startups and

entrepreneurship.

The Longhorn Startup Lab is separated into two courses. The seminar series occurs in the fall, and features many entrepreneurial guest speakers who share their stories and experiences. The spring semester lab portion allows students who already have startups underway and want to develop their product and company further. Undergraduate to PhD students from any school can apply to the Lab. “Doing a startup requires all sorts of people from all sorts of technical backgrounds,” Baer said.

horns up for startups

written by **sarika sabnis**

layout by **vinay soni**

photos by **justin zhong**

Ebik Team:

"We make 'smart' bike locks that will make bike sharing easier. It's Car2Go for electric bicycles."

chemical engineering senior Miguel Martinez & chemistry senior Umair Khakoo

Users can connect electronic bike locks with their smartphones to lock and unlock remotely, eliminating the reliance on tedious exchange of keys.

Bike sharing services can monitor and track location of bikes using integrated GPS systems, and will even have safety alarm systems that notify when a lock is being

tampered with. “If UT [Austin] wanted to start a bike-sharing program on campus, it can implement these smart bike locks to make tracking and accountability much easier,” Martinez said. However, for universities that already have bike-sharing services, the electronic bike locks can be implemented immediately.

HeyAthena Team:

"We're offering developers and users an open source cross-platform alternative to voice assistants."

electrical and computer engineering sophomores Sahil Shah & Connor Lewis

For coders and companies that want to personalize their voice assistant software, HeyAthena provides an open sourced code to begin. “Developers and users will have increased and customized functionality that will help them get what they want out of their voice assistant,” Shah

said. Compared to Siri, Cortana, GoogleNow, or Alexa, HeyAthena will give you answers to personalized questions. You can check your grades on Canvas, or change the song on Spotify – hands-free.



ConcertCam Team:

"ConcertCam is an app that makes cell-phone concert videos 'automagically' sound better by dubbing professional artist-provided audio over the videos people upload to the app."

radio-television-film sophomore **Mitch Chalet**

Fans can create concert videos with high quality sound with the ConcertCam app. "When you go to a ConcertCam-enabled show as a concertgoer, you simply have to upload your video through the app and we synchronize the video to the artist-provided audio," Chalet said.

For artists, ConcertCam is a unique platform to expand their engagement with their fans during the concerts and afterwards. "If you're an artist, it's an easy way to engage and have your fans create content for you," Chalet said. "We deliver all that high-quality content back to you, so it's an innovative way to connect with your fans, and gain insights into their actions or concert experience. Plus, the social media benefits are off the charts."

Hyllo Team:

"We're making the world's first off-the-shelf delivery drone."

aerospace engineering senior **Arthur Erickson**

Delivery drones for small businesses can expedite the delivery service process instead of relying solely on delivery staff. "For example, if Tiff's Treats wanted to deliver using drones, they can buy those drones from us," Erickson said.

Beyond the immediate applications, the delivery drones can be used for wide humanitarian efforts.

"I envision that pretty much any industry can benefit from faster, more efficient small parcel delivery," Erickson said. "One day it will be bigger parcels. But we're talking disaster relief, medicine delivery, food – a lot of industries are going to change the way they do day-to-day business."

past startup: tastebud

co-founders **Timothy Maehler, Marcelo Vieira, Allen Tsai**

Tastebud pushes restaurant discounts and deals to users' smartphones based on their geographic locations.

"The original idea was to bring the concept of dynamic pricing as a reverse auction to everything in the retail market," Maehler said. "Meaning we would build an app/website that worked like the reverse of eBay. The customer says what they want and for how much, and the sellers bid against each other for the customer's business."

The app is geared towards college students and uses a dynamic pricing model that changes with external factors. "Now, we have an iOS and Android app called 'TasteBud' that accomplishes [that] by fluctuating the discount amount of deals at local restaurants based on time of day, real-time demand, and price personalization at each given restaurant," Maehler said.

HOW TO QUIT YOUR DAY JOB

*Exploring Capital Factory
in Downtown Austin*

written by **marshall tekell**

layout by **vinay soni**

photo by **brendan towlson**

Working at Capital Factory is the antithesis of a normal desk job. I arrived for my visit early on a Tuesday morning. To get there, I had to pile into an elevator in a Financial District office building with many people in business casual attire completing the last leg of their morning commute. They sipped coffee in silence and watched the numbers above the elevator door increase one by one.

By the time the elevator got to the 16th floor, I was alone. The lobby of Capital Factory was eerily empty save for the receptionist and a table full of cupcakes that had been dropped off by some company for promotional reasons.

When he arrived a few minutes later, JD Weinstein, Venture Associate at Capital Factory and UT alumnus, swiped me into the facility and explained that it was too early for most of the action. The place is open 24 hours a day because entrepreneurs work on their own schedules. Nine o'clock in the morning was kind of a dead time—it made sense.

We took a seat at one of the tables in the fully-stocked kitchen next to floor-to-ceiling windows that offered panoramic views of downtown Austin and Lady Bird Lake. Next to us a couple of people sat on beanbags coding on their laptops. “The goal is to get every talented entrepreneur

and developer in Austin to this space for something. It doesn't matter what,” Weinstein told me.

The space occupies the entire sixteenth floor and parts of the fifth floor, providing a variety of workspaces for different types of customers. “We wanted to create a space where everyone is contributing to a challenging and innovative environment,” said New Member Ambassador Liz Coufal. Freelance coders and emergent startups use the large, communal coworking areas to collaborate with fellow entrepreneurs, but private desks and offices are also available for established companies, who want to work in teams without sacrificing their trade secrets.

Working in Capital Factory gives startups the unique opportunity to utilize all of the amenities of a downtown office without spending their entire budget on a year's rent. In addition to providing complimentary secretarial and receptionist services, Capital Factory allows members to schedule conference rooms to meet and, more importantly, impress potential investors. Members pay rent on a month-by-month basis, which gives them the flexibility they need as their business model changes during the first months of development.



As “Austin’s Center of Gravity for Tech Entrepreneurs,” Capital Factory hosts daily events ranging from the “Ben and Jerry’s Cinco de Mayo Happy Hour” to “How to Get Rich and Internet Famous.” Hosting these events has allowed Capital Factory to become the epicenter of Austin’s entrepreneurial community. Talented entrepreneurs and software engineers from all over the country may exchange ideas and spark each other’s imagination at a Capital Factory event.

Capital Factory also has an impressive repertoire of in-house startups as part of its Accelerator program. A team of judges chooses a handful of startups out of a pool of hundreds of applicants and provides them with the resources they need to survive and grow. Companies in the Accelerator get first priority to meet with venture capitalists and talented developers when they come to Austin. The Capital Factory will even match the first \$50,000 of funding the company receives.

Following this formula of “Learn, Work, Accelerate,” Capital Factory has helped create hundreds of start-ups, from Nuve, which offers GPS monitoring to freight shipments, to Beek, a social network for Spanish-speaking book lovers.

The magic of Capital Factory resides in its unconventional unpredictability. Twenty-four hours a day, seven days a week, Capital Factory provides a platform for the innovation and growth of Austin’s tech economy. Ambitious members quit their predictable 9-5s to work incredibly hard at creating products that are new and exciting - even if they prefer not to work on Tuesday mornings.

“The goal is to get every talented entrepreneur and developer in Austin to this space”

- JD Weinstein-Capital Factory

The Life Cycle

Building Your Startup from the Ground Up

written by Tyler Stern • *layout by* Audrey Gan • *photos by* Parisa Maesumi

1

Concept Generation and Selection

One of the most important parts of any business venture is the business idea. Concept generation techniques range from the most general, such as brainstorming, to very specific, such as the “Design Sprint.” Jake Knapp at Google Ventures has put together a method called a “Design Sprint” which takes a new look at the classic model of group brainstorming. It’s important to look into different ideas and find what works for you and your collaborators. Developing a systematic process for concept generation also enables you to consistently produce quality business ideas.

2

Fundraising

A key component to establishing a startup is the process of attaining funding. Many startups, especially in the Austin area, are venture backed, which means that they are funded by a small group of deeply invested venture capitalists, a la Shark Tank. An alternative to finding investors is taking out a business loan for the company. Other methods of fundraising include design competitions or specific funding programs, especially while you’re still a student at UT Austin. There are many opportunities on campus through both the Cockrell School as well as the McCombs School of Business to apply for funding from programs looking for excellent business ideas.

3

Market Research

Market research is intimately linked to concept generation. It is just as important to know your market as it is to have a good idea. Biomedical engineering sophomore Oscar Rivera provides general tech consulting and solutions for small businesses and individuals. Knowing his market and his customer needs are vital to the continuing success of his consulting business.

“It is an essential part of any business, big or small,” Rivera said “Especially as a small business owner, you want to build up credibility by making sure you give the client what they need.”

Two types of market research, active and reactive, are used to identify, optimize, and expand a company's target demographic. Reactive market research involves getting feedback on an existing product or service within a specific market, so the company can alter the product to better suit the needs its target market. This may include conducting focus groups, examining revenue, or collecting customer feedback. Active market research involves finding the market for which a product is best suited. This means scouting locations, benchmarking against competition, and examining local and national regulations to find the market where the product is most likely to succeed. Active market research that examines external factors in addition to geography is important for determining target demographics and their needs.

Established Operations

If you've reached this point, you've made it. This includes bringing a product or service to market, finding employees and associates, and finding a way for the startup to fund itself. Most startups don't make it this far, and most successful entrepreneurs have attempted several times before they do. Keep trying, keep innovating, and never give up.

4

MAGNOLIA CAFE

Cuisine: American / Comfort food

Price: under \$10

*Location: South Congress, 1920 S. Congress Ave
Lake Austin, 2304 Lake Austin Blvd*

Hours: open 24 hours a day

<http://www.magnoliacafeaustin.com/>

Magnolia Cafe is one of the most eclectic places to eat in Austin, which is saying a lot because there are so many funky places to eat in the city. The South Congress location in particular has a lot of quirky items including a sign stating "Sorry, we're open," and claims to be open "24/8." The decor inside is really neat with plenty of interesting artwork and even a hanging dinosaur skeleton. The breakfast items are all delicious, especially the pancakes and breakfast tacos. If you're a fan of Kerbey Lane Cafe by campus, you will definitely like Magnolia Cafe! Save room for dessert too: they have huge pieces of pie and other sweets that will satisfy your late-night sweet tooth. Magnolia Cafe is a must-try before you leave Austin!

CHI'LANTRO

Cuisine: Asian

Price: Under \$10

Location: Location varies (see website)

Hours vary (see website)

<http://www.chilantrobbq.com/>

Chi'lantro is a great food truck that's all over Austin and occasionally makes its way up to campus. You'll often see it pop up in West Campus around 24th and Rio or at football games. The menu is filled with funky Asian-fusion items where you choose what Asian protein to add to tacos, burritos, burgers, and other tasty dishes. Their Kimchi Fries are known all over the city, and the Bulgogi (Korean barbecue) is awesome as well.

PINHOUSE PIZZA

Price: \$10-20

Location: North Austin/Rosedale 4729 Burnet Rd

Hours: Sun-Wed: 11am-11pm, Th-Sat: 11am-12am

Cuisine: pizza, brewpub

Website: <http://pinhousepizza.com/>

Pinhouse Pizza is one of the best places to go if you're looking for a fun night out with friends and family. Inside Pinhouse are a bunch of picnic tables lined up to seat the numerous outgoing groups that dominate Pinhouse on the weekends. The pizzas on the menu range from the simple Classic Cheese to the sophisticated Milano with artichokes and prosciutto. Pinhouse also uses local ingredients in its pizzas and features a funky "Off the Map Pie" with unique flavors that will be sure to satisfy your tastebuds. Pizza isn't Pinhouse's only specialty though. Beer-lovers will delight in Pinhouse's huge selection of craft beers (over 40 of them!), many of which are brewed locally. Even better, Pinhouse makes some of their own ales, stouts, and IPAs that will live up to the standards of even the pickiest beer enthusiasts. With pizza, people, and local brews, Pinhouse Pizza is an obvious choice for a lunch or dinner outing with a group.

AUSTIN ♥ S

FOOD

written by **Dan Sullivan**
layout by **Emily Hood**
photos by **Somya Agarwal**

LICK ICE CREAMS

Cuisine: Dessert (ice cream)

Price: \$5-10

Location: South Lamar, 2032 S. Lamar Blvd.

Hours: Su-Th: 12:30pm-10:00pm

Fri-Sat: 12:30pm-11:30pm

<http://ilikelick.com/>

If you're tired of the old strawberry, chocolate, and vanilla and are looking to branch out into more exciting flavors of ice cream, Lick is the place to go! Just a short drive or bus ride from campus, Lick has people lining up to try its fascinating flavors. I'll be honest - the first time I went to Lick I was a bit skeptical about trying the more savory-sounding flavors like Goat Cheese, Thyme, and Honey, but it actually turned out to be one of the most refreshing bowls of ice cream I had ever consumed. Some of the other interesting flavors are Texas Sheet Cake, Cilantro Lime, and Roasted Beets with Mint. Furthermore, they churn out seasonal flavors to reflect what fruits are currently fresh. Another great thing about Lick is that the workers only use pure, wholesome, and often local ingredients in their ice creams.



24 DINER

Cuisine: American / Comfort Food

Price: \$15-30

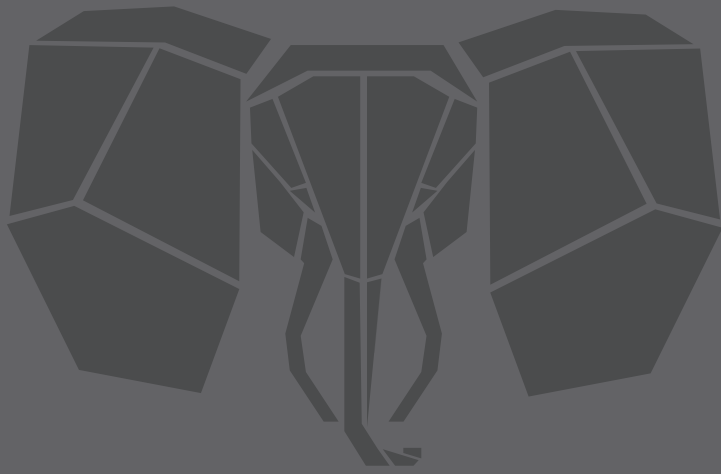
Location: North Lamar, 600 N. Lamar

Hours: open 24 hours a day

<http://24diner.com/>



24 Diner is not your typical checkered-floor, greasy-spoon diner. Instead, on the menu you'll find a variety of comfort foods cooked to perfection, each with a unique Austin twist. Also, as its name implies, 24 Diner is open all day and night so you can indulge in its crave-worthy food and drinks at every meal. For breakfast (or really any time of day), 24 Diner is well-known for its chicken and waffles, which are the perfect blend of sweet and savory. For lunch, try any of the awesome burgers and sandwiches. For dinner, 24 Diner has some classic comfort food staples like meatloaf and roasted chicken that are sure to give you that warm, fuzzy home-cooked feeling. If you have room for dessert (and I hope you do!), 24 Diner's milkshakes give Hopdoddy a run for its money (literally; it's \$6.45 for some milkshakes!). Although somewhat expensive, 24 Diner would make a great place to go with your parents or satisfy a late night/early morning craving.



free stream of consciousness

I saw an Elephant today,

might've been invisible,

might've been indivisible,

(the job title of zero)

It reminded me of the surface velocity

(of course)

close to a

semi-infinite infinitesimally thin flat plate

(what a mouthful of pine cones)

Anyways

the moment you've all been

Not-so-patiently

waiting for,

gentleLadies and fair-Men

Introducing -

the bounday layer!

...

Oh wait

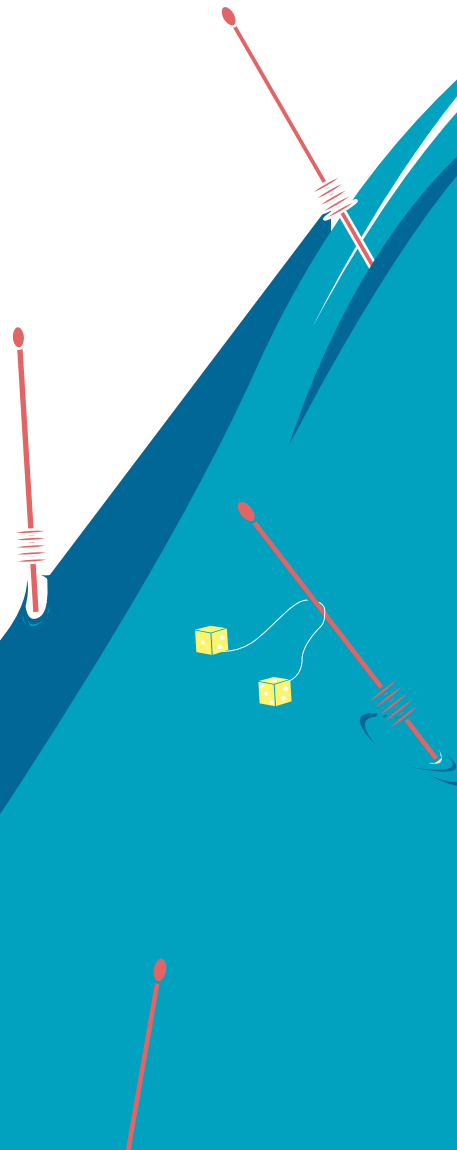
class is over?

Well, I guess the Elephant

has left the room.

THE PO OF SCIEN

poetry by
cody knoblock



OETICS

NCE

layout by
vinay soni

$$\lim_{t \rightarrow \infty} (s_n) = \infty$$

i wish i could be Untitled

greatbluemystery

I couldn't find the ocean yesterday

not that I looked; Chance

took wingwoman.

Even fuzzy dice

Are sown together

within a windshield's view of

seven sleepy red

radio antennae...

"Those seven keep dozing," I say

They should just blue

the mealatonin away

You'd say; but I can't find

you, napping amongst my dreamscape;

blue curls on the residual

paralysis of thought, how

ever counting in commons; we

account to just a Tuesday,

at bests. Make the routine of sleep

interesting-

pretty please.

I am a self aware poem

I simile things: like

"life is an integral"

and you

take it at face

value my words...

but don't forget the Constant

You are my oxygen:

my drug,

read me - It's the only

way I exist,

I'll smile in your cortex,

at the butterflies in your stomach

belching flutter dust.

I'm a metaphor for a meta

forked path off the beaten

trails; what you find

when you take the limit

as time goes to infinity,

chasing the sky

looking for contrails.

I'm a metaphor for a meta

four stanza poem

on the indecencies of

Life's frequency - hertz under time,

undermining Laplace

Transforming me into a cliché - I mean,

just look at my title.

$\delta\theta$



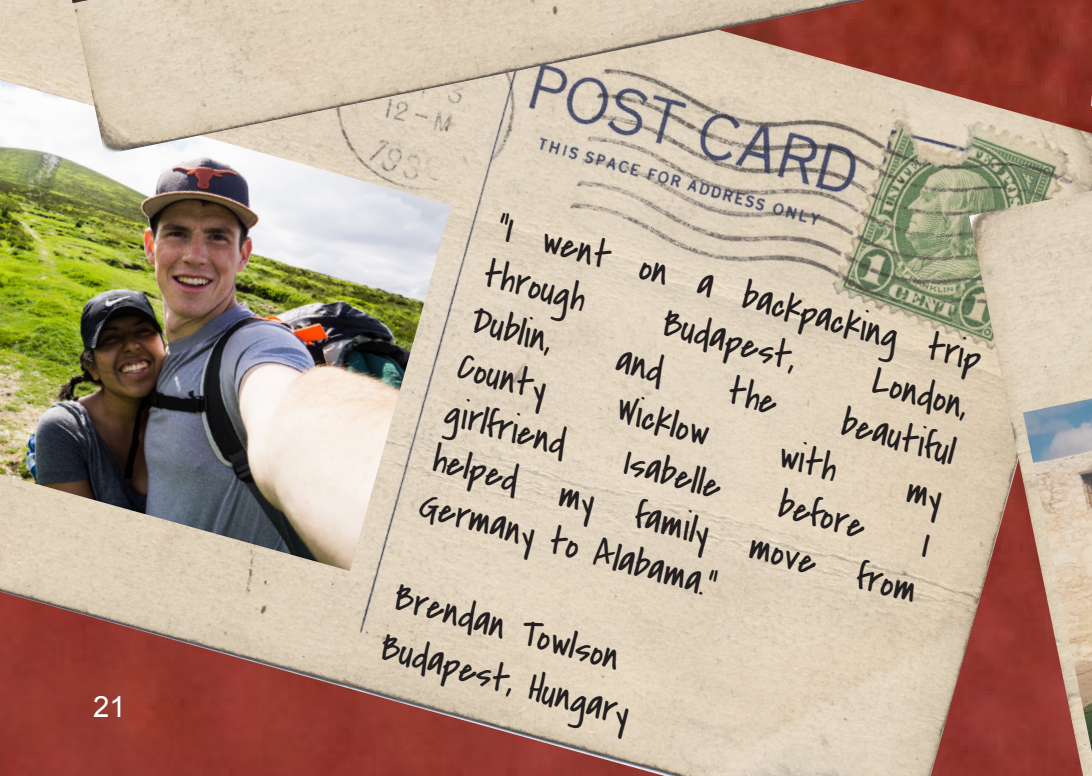
"Met Big Ben on a little trip to London."

Emily Hood
London, England



"Getting used to the scenery while interning in upstate New York."

Emily Crowell-Stevens
Albany, New York



"I went on a backpacking trip through Dublin, Budapest, London, County Wicklow and the beautiful girlfiend Isabelle with my family before I helped my family move from Germany to Alabama."

Brendan Towlson
Budapest, Hungary



POST CARD

THIS SPACE FOR ADDRESS ONLY

"When I was interning in Alaska, the glaciers were icy, but all the people I met were definitely weren't. I learned so much and grew from knowing each one of them."

Rachel Scott
Anchorage, Alaska

THIS SPACE FOR WRITING MESSAGES



POST CARD

THIS SPACE FOR ADDRESS ONLY

"I had a blast this summer meeting all the new students at orientation."

Tyler Stern
Austin, Texas

POST CARD

THIS SPACE FOR ADDRESS ONLY

"I will never forget all the memories and friends I made while studying abroad in Spain, and traveling in Switzerland & Germany."

Somya Agarwal
Barcelona, Spain

THIS SPACE FOR WRITING MESSAGES



POST CARD

THIS SPACE FOR ADDRESS ONLY

"That one time us Capital One interns got paid to go to Disney."

Dmitiri Mirakyan
Dallas, Texas

POST CARD

THIS SPACE FOR ADDRESS ONLY

"This summer, I stayed close to home and played tourist in downtown San Antonio. I explored the Riverwalk and the Alamo with my friends. While it was definitely hot, I enjoyed the urban exploration."

Allie Runas
San Antonio, Texas

Hello from the other side:
Vector Summer Travels

Input by Rachel Scott

49 40 62



DO INCREDIBLE THINGS.

Send your articles and ideas to vector@sec.engr.utexas.edu

photo by Justin Zhong